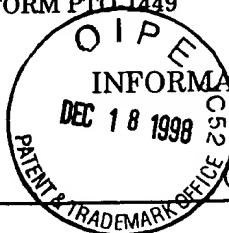


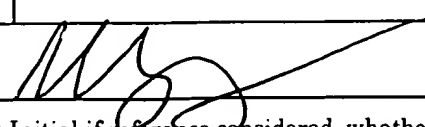
FORM PTO 1449 <div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use several sheets if necessary)</p> </div>					DOCKET NO./ATTY. 32739/LTR		APPLICATION NO. 09/096,269	
APPLICANT John H. Roop, et al.					FILING DATE June 11, 1998		GROUP 2711	

J00490 U.S. PTO  
 10314/60  
 12/19/00

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
												IF APPROPRIATE
Z	5	2	9	3	3	5	7	03/1994	Hallenbeck	348	734	08/05/98 12 M. 9:21 RECEIVED GROUP 2711

FOREIGN PATENT DOCUMENTS									
DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION				
					YES	NO			

OTHER DOCUMENTS	
(Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER 	DATE CONSIDERED 6/13/98
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(use as many sheets as necessary)

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Attorney Docket Number

**32739/RRT**

Application Number

09/096,269

Filing Date

June 11, 1998

**Applicant(s)**

John H. Roop, et al.

### Group Art Unit

2731

**Examiner Name**

**N. Flynn**

**U.S. PATENT DOCUMENTS**

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	5,151,782	09/1992	Ferraro	353	86	

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**JAN 28 2000**

**Group 2700**

**FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
WJ	WO93/22877A	11/1993	WIPO				
WJ	WO93/23957A	11/1993	WIPO				

## OTHER DOCUMENTS

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
AN	Supplemental Search Report, Application No. EP 95 92 1225, 27 August 1999, 6 pages.
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APPLICANT:  
John H. Roop et al.

FILING DATE  
May 4, 1994

GROUP  
2602

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	P1	3,848,193	11/12/74	Martin et al.	325	53	12/15/72
W	P2	3,987,398	10/19/76	Fung	325	309	7/5/74
W	P3	4,287,593	9/1/81	Paulish et al.	370	88	5/23/79
W	P4	4,307,446	12/22/81	Barton et al.	364	200	5/2/79
W	P5	4,347,498	8/31/92	Lee et al.	340	825.02	11/21/79
W	P6	4,587,514	5/6/86	Schas et al.	340	347	9/7/84
W	P7	4,706,121	11/10/87	Young	358	142	5/6/86
W	P8	4,742,543	5/3/88	Frederiksen	380	9	7/19/86
W	P9	4,751,578	6/14/88	Reiter et al.	358	183	5/28/85
W	P10	4,787,085	11/22/88	Suto et al.	370	110.1	5/29/87
W	P11	4,829,569	5/9/89	Seth-Smith et al.	380	10	7/8/86

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	F1	DE 2918846 A1	5/10/79	Germany			XX	
W	F2	EP 0 055674 A1	12/24/81	BE, DE, GB, SE				
	F3	<del>PCT/US92/10110</del>	<del>11/30/92</del>	<del>AU, JP</del>				
	F4	<del>PCT/US93/11649</del>	<del>12/1/93</del>	<del>AU, BR, CA, CZ, JP, KR, EPO</del>				
	F5	<del>PCT/US94/00593</del>	<del>1/27/94</del>	<del>AU, NO, NZ, EPO</del>				

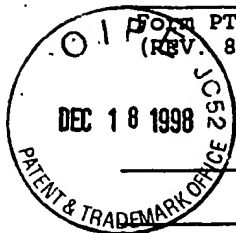
OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

W	D1	A. James, "ORACLE - Broadcasting the Written Word", <u>Wireless World</u> , July 1973, pp. 314-316.
W	D2	G.A. McKenzie, "ORACLE - An Information Broadcasting Service Using Data Transmission in the Vertical Interval", <u>Journal of the SMPTE</u> , January 1974, Vol. 83, No. 1, pp.6-10.

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:  
STAR-005/00US

SERIAL NO.  
~~087229, 225~~ 96,207

APPLICANT:  
John H. Roop et al.

FILING DATE  
May 4, 1994

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2602

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>W</i>	P12	4,857,799	8/15/89	Spindt et al.	313	495	7/30/86
<i>W</i>	P13	4,866,770	9/12/89	Seth-Smith et al.	380	20	8/14/86
<i>W</i>	P14	4,890,321	12/26/89	Seth-Smith et al.	380	20	9/30/88
<i>W</i>	P15	4,908,713	3/13/90	Levine	358	335	6/29/88
<i>W</i>	P16	4,987,486	1/22/91	Johnson et al.	358	86	12/23/88
<i>W</i>	P17	4,991,011	2/5/91	Johnson et al.	358	141	4/20/89
<i>W</i>	P18	4,994,908	2/19/91	Kuban et al.	358	86	4/20/89
<i>W</i>	P19	4,994,909	2/19/91	Graves et al.	358	86	5/4/89
<i>W</i>	P20	5,001,554	3/19/91	Johnson et al.	358	86	4/20/89
<i>W</i>	P21	5,053,883	10/1/91	Johnson	358	349	4/10/89
<i>W</i>	P22	5,077,607	12/31/91	Johnson et al.	358	86	4/20/89

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>W</i>	F6	PCT/US94/00711	1/18/94	AU, BR, CA, JP, EPO				
<i>W</i>	F7	PCT/US94/01486	2/16/94	AU, CA, JP, NZ, EPO				
<i>W</i>	F8	PCT/US94/01497	2/16/94	AU, CA, JP, NZ, EPO				
<i>W</i>	F9	PCT/US94/01488	2/16/94	AU, CA, JP, NZ, EPO				
<i>W</i>	F10	PCT/US94/06361	6/6/94	AU, BB, BG, BR, BY, CA, C N, CZ, FL, HU, JP, KP, KR KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SC, SI, SK, TT, UA, UZ, VN, EPO, OAPI				

OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

[See continuation of "OTHER PUBLICATIONS" on page 5, starting with "D3"]

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
P23	5,091,936	2/25/92	Katznelson et al.	380	19	1/30/91
P24	5,099,319	3/24/92	Esch et al.	358	86	10/23/89
P25	5,220,420	6/15/93	Hoarty et al.	358	86	6/15/93
P26	5,182,640	1/26/93	Takano	358	86	4/23/90
P27	5,301,028	4/5/94	Banker et al.	348	570	11/29/91
P28	5,319,707	6/7/94	Wasilewski et al.	380	14	11/2/92
P29	5,355,480	10/11/94	Smith et al.	395	600	10/18/92
P30	5,357,276	10/18/94	Banker et al.	348	7	12/1/92
P31	4,691,351	9/1/87	Hayashi et al.	380	10	11/29/85
P32	4,868,866	9/19/89	Williams, Jr.	380	49	2/18/88
P33	4,908,707	3/13/90	Kinghorn	358	147	7/19/88

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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F11	PCT/US94/06341	6/6/94	AT, AU, BE, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FL, GB, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UZ, VN, EPO, OAPI				
F12	PCT/US94/06340	6/6/94	AT, AU, BE, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FL, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN, EPO, OAPI				

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
P34	4,977,455	12/11/90	Young	358	142	7/15/88
P35	5,075,771	12/24/91	Hashimoto	358	84	5/7/90
P36	5,151,789	9/29/92	Young	358	194.1	10/8/91
P37	B1 4,706,121	12/14/93	Young	358	142	5/6/86
P38	5,283,639	2/1/94	Esch et al.	348	6	9/10/91
P39	5,285,272	2/8/94	Bradley et al.	348	6	2/26/91
P40	5,337,155	8/9/94	Cornelis	348	473	7/23/92
P41	5,343,300	8/30/94	Hennig	348	478	11/27/91
P42	5,345,594	9/6/94	Tsuda	455	18	12/3/91

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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F13	PCI/US89/05806	12/16/89	AT, AU, BE, BF, BG, BJ, BR, CR, CG, CH, CM, DE, DK, ES, FI, FR, GA, GB, HU, IT, JP, KP, KR, LK, LU, MC, MG, MN, MR, MW, NL, NO, RO, SD, SE, SN, SU, TD, TG, US				
F14	GB 2 256 549 A	5/14/92	GB				
F15	0 566 454 A1	4/8/93	FR				X

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John H. Roop et al.

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May 4, 1994

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OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

D3	N.W. Green, "ORACLE - The Problems of Implementing a Teletext System On Independent Television and Their Solution", Colloquium on "Broadcast and Wired Teletext Systems-CEEFAX, ORACLE, VIEWDATA" Organized by Professional Group E14, January 13, 1976, Digest No. 197613
D4	G. Robinson and W. Loveless, "'Touch-Tone' Teletext, A Combined Teletext-Viewdata System", IEEE Transactions On Consumer Electronics, Vol. CE25, No. 3, July 1979, pp. 299-303.
D5	G.O. Crowther, "Teletext and Viewdata Systems and Their Possible Extension To Europe and USA", IEEE Transactions On Consumer Electronics, Vol. CE25, No. 3, July 1979, pp. 288-294.
D6	Joseph Roizen, "Teletext in the USA", Journal of the SMPTE, July 1981, pp. 602-610.
D7	Jan Gecsei, The Architecture Of Videotex Systems, 1983, pp. 174-77; 233-38.
D8	S. Money, Teletext and Viewdata (1979) "Ch. 10: Viewdata", pp.112-23.
D9	System as described in DIP II ad
D10	System as described in Cable Data ad
D11	
D12	
D13	
D14	
D15	

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